

COMPARTMENT REVIEW RECORD OF CHANGES AND DECISIONS**Cadillac Forest Management Unit****2010 Year-of-Entry****Location: Cadillac Public Library, Cadillac, MI****Date: December 4, 2008**

The following documents the changes and decisions made at the Compartment Review to the Inventory Database, Reports, and Compartment Maps presented at Open House, for the Cadillac Forest Management Unit Compartment Review. This document is the official record of changes and decisions.

Attendees: Rick Hill, FMFM; Bryce Avery, FMFM; Larry Smith, WLD; Cheryl Nelson, FMFM; Jeff Schmidt, FMFM; Megan Daniels, FMFM; Dave Forstat, FMFM; Jason Stephens, FMFM; Brian Maki, FMFM; David Fisher, FMFM; Steven Eisele, FMFM; Pete Kailing, WLD; Tim Lyon, WLD; Larry Visser, WLD; Roger Hoeksema, FMFM; Jim Malloy, FMFM; Andy Church, FMFM; Mark Tonello, FSH; Penney Melchoir, WLD; David Neumann, FMFM; Steve Cross, FMFM; David Price, FMFM; Doug Heym, FMFM; Todd Neiss, FMFM; Amanda Matelski, FMFM; Scott Throop, FMFM; William Sterrett, FMFM; Bill O'Neill, FMFM; Tom Haxby, FMFM

Comments from Open House and E-Mail

7 visitors signed in at the Open House in Baldwin on October 28, 2008 and 9 visitors signed in at the Open House in Manton on October 29.

Todd McClain of Grandville wrote to express his view that aspen in the Baldwin should be clearcut. He also stressed that there is plenty of white pine in the area.

Phil and Betty Bowden and Gay and Duane Graves of Kingsley commented on compartment 127 and wrote that they would like to be contacted when we do timber sales there and asked that we check on erosion at the white birch area where people camp and at the high point on the bank above the Bowden's cabin.

Per Dan Pearson, Natural Rivers Coordinator: I have reviewed the prescriptions for the above-referenced compartment and have the following comments. I have not visited the compartments that are subject to this review:

The Pine and Upper Manistee River systems are designated Natural Rivers. Vegetated buffer standards for the mainstreams and some larger tributaries require a 175'+ restricted vegetative cutting area on each side of the stream depending on slope, and an independent 50' buffer from the crest of a bluff. A 100'+ buffer and identical bluff setback is required along smaller tributaries. Clearcutting is prohibited within these buffer areas. Limited harvest is allowed in the buffer area under certain circumstances as outlined below. However, we support the Fisheries Division position of requiring larger buffers along streams

Changes to be made: *(This is the record of official changes to the maps and database).*

Compartment 2

Stand 57 – Change treatment to clearcut with reserves

Stand 44 – Change to clearcut

Stand 19 – Stream is in wrong place, it should be further south

Make sure pathway is on the final map.

Stand 54 uses the MCCCT as the western boundary. Check location of the trail vs. the map.

Per Dan Pearson's e-mail comments: Designated Natural Rivers in this compartment include the Pine River, Silver Creek and two un-named streams entering the west side of the Pine in section 13.

Stand 35 is proposed for Red Pine thinning adjacent to the Pine River. Thinning of pine plantations within the buffer is permitted in order to accelerate conversion of the stand to a more natural state. Caution should be taken to prevent erosion when near the river.

Stand 18 is proposed for an aspen clearcut. No clearcutting is permitted within 100 feet (or more, depending on slope) of the un-named stream that flows through this stand. Stand examiner and biologist stated that the unnamed stream does not exist.

Compartment 9

Stands 38, 47 Fisheries comments to follow BMP buffers

Add standard trail protection specifications.

Compartment 36

Stand 92- Check on need for survey and access, if survey work is done and access can be attained proceed with treatment as a low priority.

Stand 13 – Add “justify no retention due to small size”.

Stand 64 – Add burn to treatment method

Stands 61, 63, 65 – Research whether we can get access

Stand 17 – Change to a crown thinning

Per Dan Pearson's e-mail: Designated Natural Rivers in this compartment include the Pine River, East Branch of the Pine River, the Rose Lake outlet, Sixteen Creek, Sprague Creek and Beaver Creek. There do not appear to be any timber harvest issues related to these streams.

Compartment 45

Stand 40, 72 Remove “wait for 10 years” change to a crown or low thinning.

Stands 42,48,50,56 – Try to sell commercially, if it does not then habitat cut.

Stands 48,56,79,80 – Prior to treatment WLD and FSH will determine buffers (between 100 and 200 feet) which are appropriate for the landscape features of the sites.

Stand 72 Check on access across private property.

Compartment 101

Stands 12, 17 – Change Rx to burn for maple control

Stand 23 – Change MO to planted Red Pine, add next step of plant Red Pine.

Note: We need to notify trail users when we are going to do a burn.

Compartment 115

Stand 58 – Change cover type objective to Red Pine

Stand 97 – Update Rx specifications. Change cover type objective to Red Pine. Add planting on an estimated percentage of unplanted open spaces to next steps

Stand 38 – Change Management Objective (MO) to mixed hardwood, add next step regeneration survey. Schedule harvests along snow trails away from winter season. Also, note that the snowmobile trail needs to be clear of slash, free of ruts and ready to be groomed before the winter season.
Per Dan Pearson's e-mail comments: Hopkins Creek is a designated Natural River in this compartment. Stand 86 is a spruce plantation that abuts Hopkins Creek and is proposed for thinning. Thinning of rows trees is permitted within the 100-foot vegetative buffer.

Compartment 118

Stand 3 – Change to clearcut with reserves. If there are questions about buffer along Natural River consult with Dan Pearson.

Stands 13, 26, 35 – WLD will set up commercial sale.

Stand 26 treatment lines should extend into 35 and 13.

Add trail protection specifications for stand 36. Add that there will be a significant amount of retention.

Per Dan Pearson's e-mail: The Manistee River and Hopkins Creek are designated Natural Rivers in this compartment.

Stand 1 is adjacent to both Hopkins Creek and the Manistee River and is proposed for clearcut. No clearcutting is permitted within 175'+ of the Manistee River or within 50 feet of the crest of a bluff, and is not permitted within 100'+ of Hopkins Creek or within 50' of the crest of a bluff.

Stand 23 is adjacent to Hopkins Creek and is proposed for thinning of a natural mixed conifer stand. No thinning of a natural stand is permitted within 100'+ of Hopkins Creek or within 50' of the crest of a bluff.

Stand 36 is adjacent to Hopkins Creek and is proposed for clearcut. Clearcutting is not permitted within 100'+ of Hopkins Creek.

Compartment 120

Stands 117, 141 Change to clearcut with reserves

Add trail protection specs for sale along snowmobile and ORV trail.

Check for trespass around private 40.

Hopkins Creek should be labeled as Ham Creek.

Stand 152 – Leave a 150 foot buffer from Ham Creek.

Per Dan Pearson's e-mail comments: Ham Creek and the un-named tributary to Ham Creek in section 3 are designated Natural Rivers in this compartment. Ham Creek is mis-labeled as Hopkins Creek east of Lanning Road on the Cover Type and Treatment Map.

Stand 32 is shown as water in association with the un-named tributary. As such, it would be considered to be part of the stream and subject to Natural River vegetative buffers. Accordingly, if stand 26 is a natural red pine stand, no thinning of the stand is permitted within 100'+ of the water's edge.

Compartment 129

Stand 77 – Need to change the database to reflect that the red pine is pole size.

Compartment 136

Stand 54 - Need to justify reason for not following retention guidelines.

Stand 60 – Change to clearcut with reserves

Stand 67 – Change to clearcut with reserves with minimal retention

Stands 63, 68 – Remove limiting factors
Stand 63 – Maintain buffer along stream

Compartment 149

Stand 58 – Double check with MNFI on statement advising against treating this stand. Need to include an alternative MO, next step regeneration survey.
Stand 69 – Consult with MSU to determine whether research is still being done in this stand and if so, whether management will disrupt research. If o.k. to proceed with treatment final harvest and replant to Red Pine. Bill Sterrett checked with MSU and the research project is still active. It is o.k. to thin this stand, but a final harvest will compromise their research.
Stands 18,32,66 – Work out buffer between FSH and WLD
Stands 89,12, 24,103 – Landlocked, contact landowner to see if we can get access. Check for suitability for red pine and if so consider leaving some for biodiversity if we cannot access.
Consider stands 50, 69 for post harvest burn.
Stand 117 – Keep slash away from leave trees to minimize problems for Rx burn.
Check to see if a Director's Order for road closure on north and south side of Twin Lake Road.

Compartment 99 – Red Pine Phase II

Stand 60 – Final harvest and replant around oak.

Compartment 130 – Red Pine Phase II

Stands 133, 132 – Treat, burn, plant.
Stand 33 – Treat sawlogs in stand 33, no planting.
Stand 49 – Treat, burn, plant to red pine
Stand 50 – Change MO to oak, aspen after cut.

Compartment 132 – Red Pine Phase II

No changes.

As the Compartment Review Meeting Facilitator, I certify that the above changes have been agreed to.

TOM HAXBY
Name

INVENTORY & PLANNING SPEC.
Title

T. Haxby
Signature

1/15/08
Date